



STATE OF ALASKA
DEPARTMENT OF
COMMERCE
COMMUNITY AND
ECONOMIC DEVELOPMENT

Mike Dunleavy, Governor
Julie Sande, Commissioner
Keith Kurber II, Chairman

Regulatory Commission of Alaska

April 21, 2023

In reply refer to: Tariff Section
Files: TA416-121, TA538-8
LO#: L2300142

Arthur Miller
Chief Executive Officer
Chugach Electric Association, Inc.
P.O. Box 196300
Anchorage, AK 99519-6300

Dear Mr. Miller:

Chugach Electric Association, Inc. (Chugach) filed TA416-121 and TA538-8 on March 16, 2023, seeking to update its Cost of Power Adjustment surcharge and Small Facility Power Purchase Rate. On April 21, 2023, the Regulatory Commission of Alaska approved Tariff Sheet Nos. 66 through 76, and 103, filed March 16, 2023, by Chugach with TA416-121, and Tariff Sheet Nos. 93, 94, 94.04, 94.05, 94.1, 94.1.1, 94.1.2, 95, 95.04, 95.05, 95.5, 96, 97, 97.1.5, 97.5.3, and 97.6.2, filed March 16, 2023, by Chugach with TA538-8. The effective date of the tariff sheets is April 1, 2023.

Enclosed are validated copies of the approved tariff sheets.

BY DIRECTION OF THE COMMISSION

Sincerely,

REGULATORY COMMISSION OF ALASKA

Becki Alvey (Apr 21, 2023 09:36 AKDT)

Becki Alvey
Acting Advisory Section Manager

Enclosures

RCA NO.: 12112th RevisionSheet No. 66

Canceling

11th RevisionSheet No. 66

Chugach Electric Association, Inc.

RECEIVED**MAR 16 2023**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA**COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION**

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning April 1, 2023

	Total	Retail	Seward
Natural Gas Fuel Expense by Contract			
AIX Energy, LLC (4/2016-3/2024)	\$0	\$0	\$0
BRU	\$8,500,266	\$8,226,448	\$273,818
Cook Inlet Energy (2014-3/2023)	\$0	\$0	\$0
Furie (11/2021-3/2023)	\$0	\$0	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	\$9,059,882	\$8,768,037	\$291,845
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	\$0	\$0	\$0
Other Fuel Expenses			
Emergency Generator and Other Misc. Fuel	\$0	\$0	\$0
CINGSA - FSS, ISS and Fees	\$2,080,899	\$2,013,868	\$67,032
CINGSA - Gas Withdrawn	\$0	\$0	\$0
Gas Transportation and Compression	\$1,654,692	\$1,601,390	\$53,302
	\$21,295,740	\$20,609,743	\$685,997
Less Credits			
Economy Sales: Fuel and Margins	(\$157,982)	(\$152,893)	(\$5,089)
Wheeling Revenue	(\$425,642)	(\$411,931)	(\$13,711)
AWWU Water Sales	(\$138,239)	(\$133,786)	(\$4,453)
Pooling Agreement - MEA	(\$144,000)	(\$139,361)	(\$4,639)
Gas Exchange Revenue	(\$118,050)	(\$114,247)	(\$3,803)
Subtotal	(\$983,913)	(\$952,218)	(\$31,695)
Net Fuel Expense	\$20,311,827	\$19,657,525	\$654,302
Generation & Purchases (MWh)	486,211	470,912	15,299
Cost per MWh at Generation	\$41.78	\$41.74	\$42.77
Projected Balances as of March 31, 2023	(\$940,185)	(\$852,173)	(\$88,012)
Fuel Expense to be Recovered at G&T	\$19,371,642	\$18,805,351	\$566,290
Predicted Sales at G&T (MWh)	473,327	458,433	14,894
Fuel Adjustment Factor per kWh at G&T	\$0.04093	\$0.04102	\$0.03802

I, I, R

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 12110th RevisionSheet No. 67

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9th RevisionSheet No. 67**RECEIVED****MAR 16 2023**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED)**

e.2. Purchased Power Adj. Factor: Predicted costs for the quarter beginning April 1, 2023

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	\$3,653,775	\$3,536,076	\$117,699
Base FIW Renewable Resource Cost	\$1,092,801	\$1,092,801	\$0
Non-Utility Generation	\$0	\$0	\$0
Pooling Agreement - MEA	\$264,822	\$256,291	\$8,531
Other Purchases	\$101,358	\$98,093	\$3,265
Subtotal	\$5,112,756	\$4,983,262	\$129,494
Less Purchased Power Credits			
Renewable Energy Certificates	\$0	\$0	\$0
Wheeling and Economy Revenue	(\$128,113)	(\$123,986)	(\$4,127)
Subtotal	(\$128,113)	(\$123,986)	(\$4,127)
Net Purchased Power Expense	\$4,984,643	\$4,859,276	\$125,367
Generation & Purchases (MWh)	486,211	470,912	15,299
Cost per MWh at Generation	\$10.25	\$10.32	\$8.19
Projected Balances as of March 31, 2023	(\$558,171)	(\$558,165)	(\$6)
Purchased Power Expense to be Recovered	\$4,426,472	\$4,301,111	\$125,361
Predicted Sales at G&T (MWh)	473,327	458,433	14,894
Purchased Power Adjustment Factor per kWh at G&T	\$0.00935	\$0.00938	\$0.00842 I, I, I

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 10th Revision Sheet No. 68



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9th Revision

Sheet No. 68

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED)**

e.3. Incremental Fire Island Wind Adjustment Factor:

Predicted costs for the quarter beginning April 1, 2023

Description	Total	Retail	Seward	
Predicted FIW Purchases (MWh)	11,266	11,266	----	
Purchased Power Rate	\$97.00	\$97.00	----	
Total FIW Purchased Power Cost	\$1,092,801	\$1,092,801	----	
Chugach Avoided Energy Cost at G&T (MWh)	\$55.19	\$55.19	----	
Estimated Cost Avoided Due to FIW Purchases	\$621,753	\$621,753	----	
Fire Island Wind Cost Differential	\$471,048	\$471,048	----	
Chugach Retail Generation & Purchases (MWh)	470,912	470,912	----	
Cost per MWh at Generation	\$1.00	\$1.00	----	
Predicted Sales at G&T (MWh)	458,433	458,433	----	
FIW Adjustment Factor per kWh at G&T	\$0.00103	\$0.00103	----	R, R

e.4. Summary of fuel and purchased power cost adjustment factors at G&T
for rates effective April 1, 2023

Fuel & Purch. Pwr Costs to be Recovered	\$25,767,519	\$24,987,849	\$779,670	
Generation & Purchases (MWh)	486,211	470,912	15,299	
Cost per MWh at Generation	\$53.00	\$53.06	\$50.96	
Projected Balances as of March 31, 2023	(\$1,498,356)	(\$1,410,338)	(\$88,018)	
Total Costs Recovered at G&T	\$24,269,162	\$23,577,511	\$691,651	
Predicted Sales at G&T (MWh)	473,327	458,433	14,894	
Fuel and Purchased Power Adjustment				
Factor per kWh at G&T	\$0.05127	\$0.05143	\$0.04644	I, I, R

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 10th Revision Sheet No. 69



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE**

e.5. Chugach retail cost of power adjustment factors for rates effective April 1, 2023

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery	\$23,577,511
2. Retail Fuel Adjustment Factor per kWh at G&T	\$0.04102
3. Retail Purchased Power Adjustment Factor per kWh at G&T	\$0.00938
4. Fire Island Wind Adjustment Factor per kWh at G&T	\$0.00103

5. Chugach Retail Service at Primary Voltage

A. Fuel Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) Fuel Cost Recovery - Primary Voltage	\$2,537,608	
c) Primary kWh Sales at Delivery	59,559,025	
d) Fuel Adjustment Factor per kWh at Primary	<u>\$0.04261</u>	I
(Percent Primary Distribution Losses at G&T: 3.72%)		

B. Purchased Power Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) Purchased Power Cost Recovery - Primary Voltage	\$580,272	
c) Primary kWh Sales at Delivery	59,559,025	
d) Purchased Power Adj. Factor per kWh at Primary	<u>\$0.00974</u>	I

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) FIW Cost Differential - Primary Voltage	\$63,719	
c) Primary kWh Sales at Delivery	59,559,025	
d) FIW Renewable Energy Adj. Factor per kWh at Primary	<u>\$0.00107</u>	R

D. Total Retail Service at Primary Voltage Delivery	\$0.05342	I
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Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE

e.6. Chugach retail cost of power adjustment factors for rates effective April 1, 2023

6. Chugach Retail Service at Secondary Voltage

A. Fuel Adjustment Factor

a) Secondary kWh Sales at G&T	396,570,533		
b) Fuel Cost Recovery - Secondary Voltage	\$16,267,323		
c) Secondary kWh Sales at Delivery	378,959,186		
d) Fuel Adjustment Factor per kWh at Secondary		<u>\$0.04293</u>	I
(Percent Secondary Distribution Losses at G&T: 4.44%)			

B. Purchased Power Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	396,570,533		
b) Purchased Power Cost Recovery - Secondary Voltage	\$3,719,832		
c) Predicted Secondary kWh Sales at Delivery	378,959,186		
d) Purchased Power Adj. Factor per kWh at Secondary		<u>\$0.00982</u>	I

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	396,570,533		
b) FIW Cost Differential - Secondary Voltage	\$408,468		
c) Predicted Secondary kWh Sales at Delivery	378,959,186		
d) FIW Renewable Energy Adj. Factor per kWh at Secondary		<u>\$0.00108</u>	R

D. Total Retail Service at Secondary Voltage Delivery	\$0.05383	I
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Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 10th Revision Sheet No. 71



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

Restricted Rate Reduction Account Rebate

The Restricted Rate Reduction (RRR) account rebate returns \$36 million from the Municipality of Anchorage.¹ The RRR account rebate is returned to North District members in approximately equal dollar amounts over a targeted 36-month period beginning January 1, 2021 and continues until the RRR account balance is depleted. Because the RRR account rebate is determined by projected sales and incorporates a balancing account, the actual return of the RRR account rebate may be shorter or longer than 36-months. In addition to the initial RRR account balance of \$36 million, all interest earned on account balances is included in the rebate amounts.

The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

A. Applicability

The rebate is applicable to all North District members.

B. RRR Account Rebate Balancing Account

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of \$36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The amount shall include all interest earned on account balances.

C. Rebate

North District member billings will be adjusted on a quarterly basis to reflect changes in the rebate amounts.

Restricted Rate Reduction Account Rebate: (\$0.01435) per kWh R

¹ See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.



9th Revision Sheet No. 72

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REGULATORY COMMISSION OF ALASKA

RCA NO.: 121 10th Revision Sheet No. 73



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION
WITH BRU CONTRIBUTED CAPITAL AND RRR REBATE ADJUSTMENTS**

	South District		North District		
	Primary	Secondary	Primary	Secondary	
Fuel Rate	\$0.04261	\$0.04293	\$0.04261	\$0.04293	I, I, I, I
Purchased Power Rate	\$0.00974	\$0.00982	\$0.00974	\$0.00982	I, I, I, I
FIW Adj Factor	\$0.00107	\$0.00108	\$0.00107	\$0.00108	R, R, R, R
Subtotal	\$0.05342	\$0.05383	\$0.05342	\$0.05383	I, I, I, I
BRU Contributed Capital	\$0.01484	\$0.01484	(\$0.02110)	(\$0.02110)	R, R, I, I
Subtotal	\$0.06826	\$0.06867	\$0.03232	\$0.03273	I, I, I, I
RRR Rebate	---	---	(\$0.01435)	(\$0.01435)	R, R
Total per kWh Rate	\$0.06826	\$0.06867	\$0.01797	\$0.01838	I, I, I, I

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 1st Revision Sheet No. 74



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT TRANSMISSION DELIVERY, RETAIL)**

D, N

For Rates Effective	Chugach Retail (Rate per kWh)			
	Total	Fuel	Purchased Power	FIW Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04696	\$0.03936	\$0.00587	\$0.00173
April 1, 2021	\$0.04786	\$0.04214	\$0.00488	\$0.00084
July 1, 2021	\$0.04841	\$0.04284	\$0.00488	\$0.00069
October 1, 2021	\$0.04764	\$0.04192	\$0.00474	\$0.00098
January 1, 2022	\$0.03820	\$0.03229	\$0.00448	\$0.00143
April 1, 2022	\$0.04237	\$0.03639	\$0.00502	\$0.00096
July 1, 2022	\$0.04599	\$0.03800	\$0.00692	\$0.00107
October 1, 2022	\$0.04790	\$0.03968	\$0.00692	\$0.00130
January 1, 2023	\$0.04729	\$0.03785	\$0.00829	\$0.00115
April 1, 2023	\$0.05143	\$0.04102	\$0.00938	\$0.00103

D, N

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 1st Revision Sheet No. 75



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL DELIVERY)

D, N

For Rates Effective	Primary Voltage (Rate per kWh)			
	Total	Fuel	Purchased Power	FIW Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04729	\$0.03964	\$0.00591	\$0.00174
April 1, 2021	\$0.04944	\$0.04353	\$0.00504	\$0.00087
July 1, 2021	\$0.04952	\$0.04382	\$0.00499	\$0.00071
October 1, 2021	\$0.04963	\$0.04367	\$0.00494	\$0.00102
January 1, 2022	\$0.04317	\$0.03649	\$0.00506	\$0.00162
April 1, 2022	\$0.04325	\$0.03715	\$0.00512	\$0.00098
July 1, 2022	\$0.04600	\$0.03801	\$0.00692	\$0.00107
October 1, 2022	\$0.04823	\$0.03995	\$0.00697	\$0.00131
January 1, 2023	\$0.04964	\$0.03973	\$0.00870	\$0.00131
April 1, 2023	\$0.05342	\$0.04261	\$0.00974	\$0.00107

D, N

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 1st Revision Sheet No. 76



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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL SECONDARY VOLTAGE DELIVERY)**

D, N

For Rates Effective	Total	Secondary Voltage (Rate per kWh)		
		Fuel	Purchased Power	FIW Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04766	\$0.03994	\$0.00596	\$0.00176
April 1, 2021	\$0.04980	\$0.04385	\$0.00508	\$0.00087
July 1, 2021	\$0.04989	\$0.04415	\$0.00503	\$0.00071
October 1, 2021	\$0.05000	\$0.04400	\$0.00497	\$0.00103
January 1, 2022	\$0.04349	\$0.03676	\$0.00510	\$0.00163
April 1, 2022	\$0.04358	\$0.03743	\$0.00516	\$0.00099
July 1, 2022	\$0.04634	\$0.03829	\$0.00697	\$0.00108
October 1, 2022	\$0.04859	\$0.04025	\$0.00702	\$0.00132
January 1, 2023	\$0.05001	\$0.04002	\$0.00877	\$0.00122
April 1, 2023	\$0.05383	\$0.04293	\$0.00982	\$0.00108

D, N

Tariff Advice No. 416-121

Issued by:

Effective: April 1, 2023

Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

RCA NO.: 121 10th Revision Sheet No. 103



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9th Revision Sheet No. 103

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MAR 16 2023

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

**POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION,
SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES**

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	\$20,549,894	
2. Non-fuel O&M expense	\$154,320	
3. Balancing Account as of December 31, 2022	(\$35,647)	
4. Total Avoided Cost Included in Rate	\$20,668,567	
5. kWh Sales at G&T predicted for next quarter:	374,508,755	
6. Avoided Cost per kWh at G&T (L4) / L5	<u>\$0.05519</u>	I
7. Avoided Cost at Retail Primary Voltage		
a) Retail Primary kWh Sales at G&T	61,862,690	
(Percent Primary Distribution Losses at G&T: 3.72%)		
b) Retail Primary kWh Sales at Delivery	59,559,025	
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)	<u>\$0.05732</u>	I
8. Avoided Cost at Retail Secondary Voltage		
a) Retail Secondary kWh Sales at G&T	396,570,533	
(Percent Secondary Distribution Losses at G&T: 4.44%)		
b) Retail Secondary kWh Sales at Delivery	378,959,186	
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)	<u>\$0.05775</u>	I

These rates will change concurrently with cost of power factor adjustments and general rate revisions.

Tariff Advice No. 416-121

Issued by:
Chugach Electric Association, Inc.
P.O. Box 196300 Anchorage, Alaska 99519-6300

Effective: April 1, 2023

RCA NO.: 8 14th Revision Sheet No. 93



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13th Revision Sheet No. 93

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

Restricted Rate Reduction Account Rebate

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The RRR rebate is adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings.

A. Applicability

The rebate is applicable to all North District members.

B. RRR Account Rebate Balancing Account

Chugach shall maintain a balancing account for the RRR account rebate to North District members. The North District balancing account begins with a credit balance of \$36,000,000 on October 30, 2020. Beginning January 1, 2021, the account is reduced monthly by the rebate amount. The amount shall include all interest earned on account balances.

C. Rebate

North District member billings will be adjusted on a quarterly basis to reflect changes in rebate amounts.

Restricted Rate Reduction Account Rebate: (\$0.01435) per kWh R

¹ See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

RCA NO.: 8 174th Revision Sheet No. 94

Canceling

173rd Revision Sheet No. 94**RECEIVED****MAR 16 2023**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

COST OF POWER ADJUSTMENT FACTORS AT G&T POST ACQUISITION

e.1. Fuel Adjustment Factor: Predicted Costs for the quarter beginning April 1, 2023

	Total	Retail	Seward
Natural Gas Fuel Expense by Contract			
AIX Energy, LLC (4/2016-3/2024)	\$0	\$0	\$0
BRU	\$8,500,266	\$8,226,448	\$273,818
Cook Inlet Energy (2014-3/2023)	\$0	\$0	\$0
Furie (11/2021-3/2023)	\$0	\$0	\$0
Hilcorp Alaska, LLC - Firm (1/2015-3/2028)	\$9,059,882	\$8,768,037	\$291,845
Hilcorp Alaska, LLC - Non-Firm (2/2021-8/2021)	\$0	\$0	\$0
Other Fuel Expenses			
Emergency Generator and Other Misc. Fuel	\$0	\$0	\$0
CINGSA - FSS, ISS and Fees	\$2,080,899	\$2,013,868	\$67,032
CINGSA - Gas Withdrawn	\$0	\$0	\$0
Gas Transportation and Compression	\$1,654,692	\$1,601,390	\$53,302
	\$21,295,740	\$20,609,743	\$685,997
Less Credits			
Economy Sales: Fuel and Margins	(\$157,982)	(\$152,893)	(\$5,089)
Wheeling Revenue	(\$425,642)	(\$411,931)	(\$13,711)
AWWU Water Sales	(\$138,239)	(\$133,786)	(\$4,453)
Pooling Agreement - MEA	(\$144,000)	(\$139,361)	(\$4,639)
Gas Exchange Revenue	(\$118,050)	(\$114,247)	(\$3,803)
Subtotal	(\$983,913)	(\$952,218)	(\$31,695)
Net Fuel Expense	\$20,311,827	\$19,657,525	\$654,302
Generation & Purchases (MWh)	486,211	470,912	15,299
Cost per MWh at Generation	\$41.78	\$41.74	\$42.77
Projected Balances as of March 31, 2023	(\$940,185)	(\$852,173)	(\$88,012)
Fuel Expense to be Recovered at G&T	\$19,371,642	\$18,805,351	\$566,290
Predicted Sales at G&T (MWh)	473,327	458,433	14,894
Fuel Adjustment Factor per kWh at G&T	\$0.04093	\$0.04102	\$0.03802

I, I, R

Tariff Advice No. 538-8

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Effective: April 1, 2023

Chugach Electric Association, Inc
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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED)**

e.2. Purchased Power Adj. Factor: Predicted costs for the quarter beginning April 1, 2023

Description	Total	Retail	Seward
Purchased Power Expense			
Bradley Lake Purchases	\$3,653,775	\$3,536,076	\$117,699
Base FIW Renewable Resource Cost	\$1,092,801	\$1,092,801	\$0
Non-Utility Generation	\$0	\$0	\$0
Pooling Agreement - MEA	\$264,822	\$256,291	\$8,531
Other Purchases	\$101,358	\$98,093	\$3,265
Subtotal	\$5,112,756	\$4,983,262	\$129,494
Less Purchased Power Credits			
Renewable Energy Certificates	\$0	\$0	\$0
Wheeling and Economy Revenue	(\$128,113)	(\$123,986)	(\$4,127)
Subtotal	(\$128,113)	(\$123,986)	(\$4,127)
Net Purchased Power Expense	\$4,984,643	\$4,859,276	\$125,367
Generation & Purchases (MWh)	486,211	470,912	15,299
Cost per MWh at Generation	\$10.25	\$10.32	\$8.19
Projected Balances as of March 31, 2023	(\$558,171)	(\$558,165)	(\$6)
Purchased Power Expense to be Recovered	\$4,426,472	\$4,301,111	\$125,361
Predicted Sales at G&T (MWh)	473,327	458,433	14,894
Purchased Power Adjustment Factor per kWh at G&T	\$0.00935	\$0.00938	\$0.00842 I, I, I

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**COST OF POWER ADJUSTMENT FACTORS AT G&T
POST ACQUISITION (CONTINUED)**

e.3. Incremental Fire Island Wind Adjustment Factor:

Predicted costs for the quarter beginning April 1, 2023

Description	Total	Retail	Seward	
Predicted FIW Purchases (MWh)	11,266	11,266	----	
Purchased Power Rate	\$97.00	\$97.00	----	
Total FIW Purchased Power Cost	\$1,092,801	\$1,092,801	----	
Chugach Avoided Energy Cost at G&T (MWh)	\$55.19	\$55.19	----	
Estimated Cost Avoided Due to FIW Purchases	\$621,753	\$621,753	----	
Fire Island Wind Cost Differential	\$471,048	\$471,048	----	
Chugach Retail Generation & Purchases (MWh)	470,912	470,912	----	
Cost per MWh at Generation	\$1.00	\$1.00	----	
Predicted Sales at G&T (MWh)	458,433	458,433	----	
FIW Adjustment Factor per kWh at G&T	\$0.00103	\$0.00103	----	R, R

**e.4. Summary of fuel and purchased power cost adjustment factors at G&T
for rates effective April 1, 2023**

Fuel & Purch. Pwr Costs to be Recovered	\$25,767,519	\$24,987,849	\$779,670	
Generation & Purchases (MWh)	486,211	470,912	15,299	
Cost per MWh at Generation	\$53.00	\$53.06	\$50.96	
Projected Balances as of March 31, 2023	(\$1,498,356)	(\$1,410,338)	(\$88,018)	
Total Costs Recovered at G&T	\$24,269,162	\$23,577,511	\$691,651	
Predicted Sales at G&T (MWh)	473,327	458,433	14,894	
Fuel and Purchased Power Adjustment				
Factor per kWh at G&T	\$0.05127	\$0.05143	\$0.04644	I, I, R

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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: PRIMARY SERVICE**

e.5. Chugach retail cost of power adjustment factors for rates effective April 1, 2023

1. Total Chugach Retail Fuel and Purchased Power Cost Recovery	\$23,577,511
2. Retail Fuel Adjustment Factor per kWh at G&T	\$0.04102
3. Retail Purchased Power Adjustment Factor per kWh at G&T	\$0.00938
4. Fire Island Wind Adjustment Factor per kWh at G&T	\$0.00103

5. Chugach Retail Service at Primary Voltage

A. Fuel Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) Fuel Cost Recovery - Primary Voltage	\$2,537,608	
c) Primary kWh Sales at Delivery	59,559,025	
d) Fuel Adjustment Factor per kWh at Primary	<u>\$0.04261</u>	I
(Percent Primary Distribution Losses at G&T: 3.72%)		

B. Purchased Power Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) Purchased Power Cost Recovery - Primary Voltage	\$580,272	
c) Primary kWh Sales at Delivery	59,559,025	
d) Purchased Power Adj. Factor per kWh at Primary	<u>\$0.00974</u>	I

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Primary kWh Sales at G&T	61,862,690	
b) FIW Cost Differential - Primary Voltage	\$63,719	
c) Primary kWh Sales at Delivery	59,559,025	
d) FIW Renewable Energy Adj. Factor per kWh at Primary	<u>\$0.00107</u>	R

D. Total Retail Service at Primary Voltage Delivery	\$0.05342	I
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COST OF POWER ADJUSTMENT FACTORS
POST ACQUISITION AT RETAIL DELIVERY: SECONDARY SERVICE

e.6. Chugach retail cost of power adjustment factors for rates effective April 1, 2023

6. Chugach Retail Service at Secondary Voltage

A. Fuel Adjustment Factor

a) Secondary kWh Sales at G&T	396,570,533	
b) Fuel Cost Recovery - Secondary Voltage	\$16,267,323	
c) Secondary kWh Sales at Delivery	378,959,186	
d) Fuel Adjustment Factor per kWh at Secondary	<u>\$0.04293</u>	I
(Percent Secondary Distribution Losses at G&T: 4.44%)		

B. Purchased Power Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	396,570,533	
b) Purchased Power Cost Recovery - Secondary Voltage	\$3,719,832	
c) Predicted Secondary kWh Sales at Delivery	378,959,186	
d) Purchased Power Adj. Factor per kWh at Secondary	<u>\$0.00982</u>	I

C. Fire Island Wind Renewable Energy Adjustment Factor

a) Predicted Secondary kWh Sales at G&T	396,570,533	
b) FIW Cost Differential - Secondary Voltage	\$408,468	
c) Predicted Secondary kWh Sales at Delivery	378,959,186	
d) FIW Renewable Energy Adj. Factor per kWh at Secondary	<u>\$0.00108</u>	R

D. Total Retail Service at Secondary Voltage Delivery \$0.05383 I

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Chugach Electric Association, Inc.

**COST OF POWER ADJUSTMENT FACTORS POST ACQUISITION
WITH BRU CONTRIBUTED CAPITAL AND RRR REBATE ADJUSTMENTS**

	South District		North District		
	Primary	Secondary	Primary	Secondary	
Fuel Rate	\$0.04261	\$0.04293	\$0.04261	\$0.04293	I, I, I, I
Purchased Power Rate	\$0.00974	\$0.00982	\$0.00974	\$0.00982	I, I, I, I
FIW Adj Factor	\$0.00107	\$0.00108	\$0.00107	\$0.00108	R, R, R, R
Subtotal	\$0.05342	\$0.05383	\$0.05342	\$0.05383	I, I, I, I
BRU Contributed Capital	\$0.01484	\$0.01484	(\$0.02110)	(\$0.02110)	R, R, I, I
Subtotal	\$0.06826	\$0.06867	\$0.03232	\$0.03273	I, I, I, I
RRR Rebate	---	---	(\$0.01435)	(\$0.01435)	R, R
Total per kWh Rate	\$0.06826	\$0.06867	\$0.01797	\$0.01838	I, I, I, I

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Chugach Electric Association, Inc.

Beluga River Unit Contributed Capital Surcharge and Rebate

The Beluga River Unit Contributed Capital (BRU Contributed Capital) adjustment process governs the collection of funds through a surcharge assessed to South District members and the disbursement of funds to North District members through a rebate over a targeted 120-month period, beginning January 1, 2021.¹ The BRU Contributed Capital adjustment mechanism reconciles historical contributions and future ratepayer benefit between members served in the South District and North District in the amount of \$176,612,912, or \$136,002,239 on a present value basis (10 years, 5% interest rate).

BRU Contributed Capital surcharge and rebate amounts are adjusted quarterly consistent with the timing of Chugach's cost of power adjustment filings. Because the surcharge and rebate amounts are determined by projected sales and incorporate balancing accounts, the actual life of the BRU Contributed Capital adjustment process may be shorter or longer than the 120-month period.

A. Applicability

The surcharge is applicable to all South District members and the rebate is applicable to all North District members.

B. BRU Contributed Capital Balancing Accounts

Chugach shall maintain a BRU Contributed Capital surcharge balancing account for South District members and a BRU Contributed Capital rebate balancing account for North District members. The South District balancing account starts with a debit balance of \$176,612,912 reflecting the amounts due from the South District members. The North District balancing account starts with a credit balance of \$176,612,912 reflecting the amount to be rebated. Each account will be reduced monthly by the amount of the surcharge collected and rebate returned to the members.

C. Surcharge and Rebate Amounts

Member billings will be adjusted on a quarterly basis to reflect changes in surcharge and rebate amounts.

South District BRU Contributed Capital Surcharge:	\$0.01484	per kWh	R
North District BRU Contributed Capital Rebate:	(\$0.02110)	per kWh	I

¹ See Order No. U-18-102(44)/U-19-020(39)/U-19-021(39) issued by the Regulatory Commission of Alaska on May 28, 2020.

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151st Revision Sheet No. 97**RECEIVED****MAR 16 2023**STATE OF ALASKA
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Chugach Electric Association, Inc.

**POST ACQUISITION PURCHASE AND SALES RATES FOR QUALIFIED COGENERATION,
SMALL POWER PRODUCTION, AND STANDBY/BUYBACK FACILITIES**

Available in all territory served by Chugach, or as required pursuant to contractual arrangements under wholesale power sales agreement. Applicable to qualified cogeneration, small power production and standby/buyback facilities of 200 kW or less. The type of service shall be single or three phase 60 hertz at Chugach's standard voltages.

Chugach reserves the right to limit the number of retail customers receiving service under the terms of this schedule to one per substation circuit. Chugach further reserves the right to reduce the buyback rates for costs associated with the integration of the energy produced by the qualifying facility into the Chugach system. Integration costs are project specific and determined through the completion of an integration study completed by Chugach.

Monthly Rates

Power sales supplied by Chugach to the customer to meet its electric requirements will be priced at the applicable rates. The rate paid by Chugach to the customer for kWh supplied by the customer to Chugach is the average avoided cost calculated as follows:

1. Fuel and purchased power expense, excluding Bradley Lake and Fire Island Wind, predicted for next quarter in the determination of fuel and purchased power rates.	\$20,549,894	
2. Non-fuel O&M expense	\$154,320	
3. Balancing Account as of December 31, 2022	(\$35,647)	
4. Total Avoided Cost Included in Rate	\$20,668,567	
5. kWh Sales at G&T predicted for next quarter:	374,508,755	
6. Avoided Cost per kWh at G&T (L4) / L5		<u>\$0.05519</u> I
7. Avoided Cost at Retail Primary Voltage		
a) Retail Primary kWh Sales at G&T	61,862,690	
(Percent Primary Distribution Losses at G&T: 3.72%)		
b) Retail Primary kWh Sales at Delivery	59,559,025	
c) Avoided Costs per kWh at Retail Primary (L6 x L7a / L7b)		<u>\$0.05732</u> I
8. Avoided Cost at Retail Secondary Voltage		
a) Retail Secondary kWh Sales at G&T	396,570,533	
(Percent Secondary Distribution Losses at G&T: 4.44%)		
b) Retail Secondary kWh Sales at Delivery	378,959,186	
c) Avoided Costs per kWh at Retail Secondary (L6 x L8a / L8b)		<u>\$0.05775</u> I

These rates will change concurrently with cost of power factor adjustments and general rate revisions.

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**COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT TRANSMISSION DELIVERY, RETAIL)**

N

	Chugach Retail (Rate per kWh)			
For Rates Effective	Total	Fuel	Purchased Power	FIW Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04696	\$0.03936	\$0.00587	\$0.00173
April 1, 2021	\$0.04786	\$0.04214	\$0.00488	\$0.00084
July 1, 2021	\$0.04841	\$0.04284	\$0.00488	\$0.00069
October 1, 2021	\$0.04764	\$0.04192	\$0.00474	\$0.00098
January 1, 2022	\$0.03820	\$0.03229	\$0.00448	\$0.00143
April 1, 2022	\$0.04237	\$0.03639	\$0.00502	\$0.00096
July 1, 2022	\$0.04599	\$0.03800	\$0.00692	\$0.00107
October 1, 2022	\$0.04790	\$0.03968	\$0.00692	\$0.00130
January 1, 2023	\$0.04729	\$0.03785	\$0.00829	\$0.00115
April 1, 2023	\$0.05143	\$0.04102	\$0.00938	\$0.00103

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COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL DELIVERY)

N

For Rates Effective	Primary Voltage (Rate per kWh)			
	Total	Fuel	Purchased Power	FIW Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04729	\$0.03964	\$0.00591	\$0.00174
April 1, 2021	\$0.04944	\$0.04353	\$0.00504	\$0.00087
July 1, 2021	\$0.04952	\$0.04382	\$0.00499	\$0.00071
October 1, 2021	\$0.04963	\$0.04367	\$0.00494	\$0.00102
January 1, 2022	\$0.04317	\$0.03649	\$0.00506	\$0.00162
April 1, 2022	\$0.04325	\$0.03715	\$0.00512	\$0.00098
July 1, 2022	\$0.04600	\$0.03801	\$0.00692	\$0.00107
October 1, 2022	\$0.04823	\$0.03995	\$0.00697	\$0.00131
January 1, 2023	\$0.04964	\$0.03973	\$0.00870	\$0.00131
April 1, 2023	\$0.05342	\$0.04261	\$0.00974	\$0.00107

N

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COST OF POWER ADJUSTMENT FACTOR HISTORY
(SERVICE AT CHUGACH RETAIL SECONDARY VOLTAGE DELIVERY)

N

For Rates Effective	Total	Secondary Voltage (Rate per kWh)		
		Fuel	Purchased	FIW
			Power	Adjustment Factor
Post Acquisition:				
January 1, 2021	\$0.04766	\$0.03994	\$0.00596	\$0.00176
April 1, 2021	\$0.04980	\$0.04385	\$0.00508	\$0.00087
July 1, 2021	\$0.04989	\$0.04415	\$0.00503	\$0.00071
October 1, 2021	\$0.05000	\$0.04400	\$0.00497	\$0.00103
January 1, 2022	\$0.04349	\$0.03676	\$0.00510	\$0.00163
April 1, 2022	\$0.04358	\$0.03743	\$0.00516	\$0.00099
July 1, 2022	\$0.04634	\$0.03829	\$0.00697	\$0.00108
October 1, 2022	\$0.04859	\$0.04025	\$0.00702	\$0.00132
January 1, 2023	\$0.05001	\$0.04002	\$0.00877	\$0.00122
April 1, 2023	\$0.05383	\$0.04293	\$0.00982	\$0.00108

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